

Swanscombe Urban District Council.



ANNUAL REPORT

OF THE

Medical Officer of Health

For the Year 1949

BY

M. F. McDONNELL, M.B., B.Ch., B.A.O., D.P.H.

Medical Officer of Health.

SWANSCOMBE URBAN DISTRICT COUNCIL

Annual Report of the Medical Officer of Health for the year ended December, 1949

BY

M. F. McDONNELL, M.B., B.Ch., B.A.O., D.P.H.
(Medical Officer of Health).

TO THE CHAIRMAN AND MEMBERS OF THE
SWANSCOMBE URBAN DISTRICT COUNCIL.

LADIES AND GENTLEMEN,

I have the honour to submit for your consideration my Annual Report of the Public Health conditions of the district for the year ended December, 1949.

I would take this opportunity of thanking the Council for their interest and support.

Your obedient Servant,

M. F. McDONNELL,
Medical Officer of Health.

HEALTH COMMITTEE.

Councillor W. O. KEARY (Chairman)

„ MRS. A. F. AUSTIN
„ W. AUSTIN
„ F. ALDER
„ E. W. BLACKWELL
„ T. BODLE, J.P.
„ C. W. BUTCHER
„ J. CHILDS
„ P. CONNOLLY
„ H. E. DURRANT
„ P. FLETCHER
„ F. H. J. GARLAND
„ G. C. HAMMOND
„ A. E. LINES
„ Rev. S. J. W. MORGAN, O.B.E., C.A.
„ A. F. SCUTTS
„ Mrs. E. E. THURLOW
„ Mrs. M. J. WRIGHT

Clerk :

Mr. F. G. PETERS.

Solicitors :

Messrs. BAILY & GOFF.

Medical Officer of Health :

M. F. McDONNELL, M.B., B.Ch., B.A.O., D.P.H.

Sanitary Inspector :

L. E. CROUCHER, M.S.I.A., C.R.S.I.
(who is also Surveyor)

Assistant Sanitary Inspector :

F. W. SHARPE (part time).

VITAL STATISTICS.

Area (acres)									2,142
Population (Census 1931)									8,541
Present estimated population									8,150
Estimated population, 1948									8,031
" " 1947									7,901
Number of inhabited houses (31st March, 1949)									2,359
Number of new houses erected year ended 31st December, 1949 —									
						Permanent Prefabricated			13
						Permanent			15
						Swanscombe Street Site Conversions, Bungalows			11
Rateable value 31st December, 1949									£50,995
" " " " 1948									£50,725
" " " " 1947									£58,286
Sum represented by penny rate 1949									£147
" " " " 1948									£239
" " " " 1947									£222
Number of Births 1949									153
" " " 1948									161
" " " 1947									200
						Swanscombe.	England and Wales.		
						Live.	Still.	Live.	Still.
Birth rate per 1,000 population 1949						18.77	.36	16.7	0.39
" " " " 1948						20.04	.37	17.9	0.42
" " " " 1947						25.3	.5	20.5	0.50
Number of illegitimate births 1949									8
" " " " 1948									8
" " " " 1947									7
Number of deaths 1949									81
" " " 1948									97
" " " 1947									64
						Swanscombe.	England and Wales.		
Death rate per 1,000 population 1949						9.9		11.7	
" " " " 1948						12.0		10.8	
" " " " 1947						9.02		12.0	
		Total	M.	F.					
LIVE legitimate	145	69	76	Birth rate per 1,000 of the					
illegitimate	8	3	5	estimated resident population.....					18.77
STILLBIRTHS—				Rate per 1,000 total (live and					
Legitimate	2	—	2	still) births					19.14
Illegitimate	1	—	1						
DEATHS	81	48	33	Death rate per 1,000 of the					
				estimated resident population.....					9.9
Death rate of Infants under one year of age :—									
All infants per 1,000 live births									13.0
Legitimate infants per 1,000 legitimate live births									6.89
Illegitimate infants per 1,000 illegitimate live births									125.0
Deaths from Cancer (all ages)									33
" " Measles (all ages)									—
" " Whooping Cough (all ages)									—
" " Diarrhoea (under 2 years of age)									—

CAUSES OF DEATH IN SWANSCOMBE URBAN DISTRICT, 1949.

Causes of Death.						Male.	Female.
All causes						48	33
1. Typhoid and paratyphoid fevers						—	—
2. Cerebro-spinal fever						—	—
3. Scarlet fever						—	—
4. Whooping Cough						—	—
5. Diphtheria						—	—
6. Tuberculosis of respiratory system						I	3
7. Other forms of Tuberculosis						—	—
8. Syphilitic diseases						I	—
9. Influenza						I	—
10. Measles						—	—
11. Infantile Paralysis, etc.						—	—
12. Ac : inf : enceph :						—	—
13. Cancer of mouth, etc. (m) uterus (f)						I	I
14. Cancer of stomach and duodenum						6	2
15. Cancer of breast						—	4
16. Cancer of other sites						12	7
17. Diabetes						—	—
18. Intra-cranial vascular lesions						6	3
19. Heart disease						9	4
20. Other disease of circ. system						3	I
21. Bronchitis						2	I
22. Pneumonia						I	2
23. Other resp. diseases						I	—
24. Ulcer of the stomach or duodenum						—	—
25. Diarrhoea under 2 years						—	—
26. Appendicitis						—	—
27. Other digestive diseases						I	I
28. Nephritis						—	—
29. Puerperal Pyrexia						—	—
30. Other maternal causes						—	—
31. Premature birth						—	2
32. Congenital malformation : Birth injury, etc.						—	—
33. Suicide						—	—
34. Road traffic accidents						—	—
35. Other violent causes						I	—
36. All other causes						2	2

BIRTH RATES, CIVILIAN DEATH RATES, ANALYSIS OF MORTALITY MATERNAL MORTALITY AND CASE RATES FOR CERTAIN INFECTIOUS DISEASES IN THE YEAR 1949.

Provisional figures based on quarterly returns.

	England and Wales	126 County Boro's and Great Towns including London	148 Smaller Town's (resi- dent pop. 25,000 to 50,000 at 1931 Census)	Admini- strative County London	Swanscombe
Rates per 1,000 Civilian Population.					
Births :—					
Live	16.7a	18.7	18.0	18.5	18.77
Still	0.39a	0.47	0.40	0.37	0.36
Deaths :—					
All causes	11.7a	12.5	11.6	12.2	9.9
Typhoid and Para- typhoid	0.00	0.00	0.00	0.00	0.00
Whooping Cough	0.01	0.02	0.01	0.01	0.00
Diphtheria	0.00	0.00	0.00	0.00	0.00
Tuberculosis	0.45	0.52	0.42	0.52	0.49
Influenza	0.15	0.15	0.14	0.11	0.12
Smallpox	—	—	—	—	—
Acute Poliomyelitis & Polioencephalitis	0.01	0.02	0.02	0.01	0.00
Pneumonia	0.51	0.56	0.49	0.59	0.36
Notifications (corrected) :—					
Typhoid fever	0.01	0.01	0.01	0.01	0.00
Paratyphoid fever	0.01	0.02	0.01	0.01	0.00
Cerebro-spinal fever	0.02	0.03	0.02	0.02	0.00
Scarlet fever	1.63	1.72	1.83	1.46	3.92
Whooping Cough	2.39	2.44	2.39	1.70	6.99
Diphtheria	0.04	0.05	0.04	0.07	0.00
Erysipelas	0.19	0.20	0.19	0.17	0.61
Smallpox	—	—	—	—	—
Measles	8.95	8.91	9.18	8.54	6.99
Pneumonia.....	0.80	0.91	0.65	0.55	2.20
Acute Poliomyelitis	0.13	0.13	0.12	0.18	0.73
Acute Polioencephalitis	0.01	0.01	0.02	0.01	0.00
Food poisoning	0.14	0.16	0.14	0.19	0.00
Rates per 1,000 live births.					
Deaths :—					
All causes under 1 year of age	32b	37	30	29	
Deaths from Diarrhoea and enteritis under 2 years of age	3.0	3.8	2.4	1.7	
Rates per 1,000 total births (live and still)					
Notifications (corrected) :—					
Puerperal fever and Pyrexia	6.31	8.14	5.30	6.82	

Maternal Mortality in England and Wales.

	Rates per 1,000 total (live and still) births.	Rates per million women aged 15-44.
140 Abortion with sepsis	0.11	8
141 Abortion without sepsis	0.05	4
147 Puerperal infections	0.11	
142-146) Other maternal		
148-150) causes	0.71	

(a) Rates per 1,000 total population. (b) Per 1,000 related births.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA. Particulars of Day Nurseries, Welfare Centres and Ante-Natal Clinics.

Where Centres are held in alternate weeks it is advisable to contact the County Medical Officer to ascertain when the centre is open.

Centres and Clinics held "a.m." are usually open from 10.0 a.m.—12 noon.

Centres and Clinics held "p.m." are usually open from 2.0 p.m.—4 p.m.

NOTIFICATION OF BIRTHS.

In the case of every child born it is the duty of the father of the child, if at the time of the birth he is actually residing on the premises where the birth takes place, and of any person in attendance upon the mother at the time of, or within six hours after the birth to send notice of the birth within thirty-six hours to the County Medical Officer of Health, County Hall, Maidstone.

Postcards with prepaid postage for this purpose are supplied to Medical Practitioners, Midwives, Hospitals and Maternity Homes, on application to the County Medical Officer, County Hall, Maidstone.

CARE OF PREMATURE INFANTS.

Special outfits for use when premature babies are to be nursed at home, or for their conveyance to hospital, are available free on application by a doctor or midwife at the following address:—

The Surgeon Superintendent, County Hospital, Farnborough.

ANTE-NATAL CLINICS AND POST-NATAL CLINICS.

AREA No. 5.

Advice and ante-natal care is given at these Clinics.

Post-natal examinations are carried out at Ante-Natal Clinics.

SWANSCOMBE U.

New Parish Hall, Swanscombe, 1st and 3rd Monday,—2 p.m.

WOMEN'S WELFARE CLINICS.

These clinics are provided for the purpose of giving advice on women's minor ailments, sterility and on contraception where such advice is necessary for medical reasons.

AREA No. 5.

GRAVESEND B.

Central, Windmill Street, Gravesend, 2nd and 4th Saturday, — a.m.

CHILD WELFARE CENTRES.

These centres are open at the days and times set out for the purpose of giving advice as to the care of infants and children under the age of five years. Infant foods, National Dried Milk and Ministry of Food Vitamin products are issued at these centres. A Medical Officer and a Health Visitor are in attendance at each centre.

Ministry of Food Offices and other Centres are also available for the supply of National Dried Milk and Ministry of Food Vitamin products for Expectant and Nursing Mothers and for children under five years of age.

SWANSCOMBE U.

New Parish Hall, Swanscombe
Knockhall Lodge, Greenhithe

Thursday, 2 p.m.

Tuesday, 2 p.m.

DAY NURSERIES.

These nurseries provide accommodation for the daily care of children under five years of age.

Development Plan.

The policy will be to maintain only those nurseries which are necessary for the children of women who are unmarried, widowed, separated, having to work because of a dependent husband, or by reason of illness or confinement are unable to look after their families, and children from families who are living in conditions inimical to the proper care of young children, and exceptionally children from a family where the father is himself endeavouring to bring up a family but can secure no one to look after a child under 5 years of age during ordinary working hours.

GRAVESEND B.

"Glendillon," Old Road	.....	Matron—Mrs. Luckhurst.
"Daneholn," Pelham Road	.....	Matron—Miss Rigden.

VACCINATION AGAINST SMALLPOX.

Facilities for vaccination, free of direct cost, against smallpox are available for infants at all Child Welfare Clinics and all Medical Practitioners have been invited to participate in the scheme.

Vaccine Lymph can be obtained from the County Laboratory, Maidstone, by all medical practitioners carrying out vaccination under the Council's arrangements.

DIPHTHERIA IMMUNISATION.

Facilities for immunisation, free of cost, are available at all Child Welfare Centres, and at special Immunising Clinics, and all Medical Practitioners have been invited to participate in the scheme, which provides for free immunisation against diphtheria. The child should normally have the first injection between the ages of eight months and one year ; and reinforcing doses shortly before starting school and again at nine years of age.

Supplies of A.P.T. and T.A.F. can be obtained from the County Laboratory, Maidstone, by all practitioners carrying out immunisation under the Council's arrangements.

DOMESTIC HELP.

This service is to provide domestic help for households where such help is required owing to the presence of any person who is ill, lying in, and expectant mothers, mentally defective, aged, or a child not over compulsory school age. Householders are required to contribute towards the cost in accordance with their means.

AREA No. 5.

GRAVESEND B.

Apply to Domestic Help Section, c/o Health Department, 3, Woodville Terrace, Gravesend. Telephone : Gravesend 317.

NORTHFLEET U.

Apply to Domestic Help Section, c/o Council Offices, Northfleet. Telephone Gravesend 1720.

SWANSCOMBE U.

As for Gravesend.

HEALTH VISITORS.

These officers are appointed for the purpose of giving advice as to the care of young children, persons suffering from illness and expectant and nursing mothers and as to the measure necessary to prevent the spread of infection.

The Health Visitors also undertake duties in connection with the School Health Service.

SWANSCOMBE.

Miss Gray 2, New House Lane, Northfleet.

DOMICILIARY MIDWIFERY SERVICE.

This service, which is free, is to secure that an adequate number of midwives are employed by the Council for attending women in their own homes, either as midwives or maternity nurses.

The names, addresses and telephone numbers of midwives in Area 5 are given below.

HOME NURSING SERVICE.

This service, which is free, is to secure the attendance of nurses on persons who require nursing in their own homes. Apart from cases of emergency and accident, patients can only be attended when the nurse has been requested to do so by a doctor. At the present time it is not possible to provide a night service.

The names and addresses of Home Nurses in Area No. 5 are given below. Where the nurse is on the telephone the number is also given.

Midwives :

Miss M. G. Barron	98, Leonard Avenue, Swanscombe, Kent.	Gravesend 2385.
Mrs. D. Kemp	67, Broomfield Road, Swanscombe, Kent.	Gravesend 4121.

Home Nurse :

Miss R. E. Radburn	94, Ames Road, Swanscombe, Kent.	Gravesend 2910.
--------------------	-------------------------------------	-----------------

COUNTY AMBULANCE SERVICE.

The County Council is responsible for the provision of a comprehensive ambulance service throughout the County. Other than in cases of accident and emergency, no ambulance or car will be provided except on the recommendation of a doctor, midwife, hospital or District Officer.

To facilitate the call-out of ambulance in cases of accident or emergency, arrangements have been made with the Post Office Authorities for such calls to be passed automatically to the nearest manned fire station the staff of which will assume the responsibility of dealing with the emergency. The arrangement will not operate where direct lines exist between public call boxes and ambulance stations.

The service will be provided by (a) vehicles provided and manned by the County Council ; (b) vehicles operated and manned by the St. John Ambulance Brigade, British Red Cross Society and the Margate Ambulance Corps acting as agents of the Council and (c) sitting case cars provided through the Hospital Car Service as the agents of the Council.

Ambulance Station and Address.	Operated by	Vehicle Strength		Telephone No.	Neighbour- ing Stations
		Ambul- ances	S/C Cars		
Dartford :	Kent County				
County Hospital	Council	4	3	Dartford	Crayford
	St. John			3223	Bexley
Serena Headquarters,	Ambulance	3	—	Dartford	Frith
Princes Road	Brigade			2711	Farningham
Northfleet :					
The Hill,	St. John	2	—	Gravesend	Gravesend
Northfleet	Ambulance			4603	Rochester
	Brigade				Dartford
Gravesend :					
Commercial Place,	St. John	5	—	Gravesend	Northfleet
Gravesend	Ambulance			854	Rochester
	Brigade				Dartford

Medical Loan Depots.

GRAVESEND (B.R.C.S.) 12, Singlewell Road	By appointment with Mrs. Roberts. 'Phone Gravesend 403.
NORTHFLEET (St. John) 69, Dover Road (Mr. C. J. Sims. 'Phone Northfleet 4603)	Monday-Friday, 7.30 p.m.— 9 p.m.
GRAVESEND (St. John) Park House, Park Pl. (Miss L. Smith, 'Phone Gravesend 854)	Daily 8 a.m.—8 p.m.

Ministry of National Insurance :

The Gravesend Local Office is situated at "Ravenscourt," Pelham Road, Gravesend.

PROVISION OF NURSING REQUISITES.

Arrangements have been made with the British Red Cross Society and St. John Ambulance Brigade for the continuance of the Medical Loan Depots on behalf of the County Council. The full range of nursing requisities will be available at these depots and details of the addresses and the times the depots are open for distribution are available in the district offices. These arrangements will be in addition to the loan cupboards kept by District Nurses. The depots will deal with all applications for the loan of nursing requisites.

HOSPITAL SERVICES.

Hospital and specialist services, including institutions for the chronic sick, mental homes, maternity homes, convalescent homes, dispensaries and out-patient department are administered by the Regional Hospital Boards set up by the Minister of Health. The Southeast Metropolitan Regional Hospital Board is responsible for all hospitals in Kent, but for day to day administration Hospital Management Committees are set up to deal with groups of hospitals.

The District Officer is supplied with particulars relating to each hospital in his district, but generally speaking admission to hospital is a matter for the doctor in charge of the patient and he will make arrangements direct with the hospital authorities, calling upon the County Ambulance Service for the removal of the patient to hospital where this is considered necessary.

(For details see appendix)

DISTRICT OFFICERS.

These officers are responsible for—

1. Duties as authorised Officers under the Lunacy and Mental Treatment Acts.
2. Acting as representatives of the County Health Department in dealing with enquiries made by the Public and arranging for County Health Services to be made available in cases of difficulty.
3. Carrying out the duties of the County Council under the National Assistance Act in (a) arranging admissions of old, handicapped and homeless people to residential establishments other than in cases of sickness ; (b) the care of moveable property of patients who are admitted to hospital or a residential establishment provided by the Council where it appears that there is danger of loss or damage to the property.

DISTRICT OFFICERS AND ASSISTANTS.

District.	Name and Address of Officer.	Office Telephone No.	Home Telephone No.
14. GRAVESEND Northfleet Swanscombe and part of Strood Rural	<i>Office :</i> Arthur Street, Gravesend <i>District Officer :</i> Mr. G. T. JEFFERY, 357, Watling Street, Dartford <i>Assistant District Officer :</i> Mr. J. H. KEIGHLEY, 108, Green Walk, Crayford	Gravesend 166	Dartford 3143 Bexleyheath 2163

SCHOOL HEALTH SERVICES.

Minor Ailment, Aural, Child Guidance, Dental, Ophthalmic, Orthopaedic and Speech Clinics.

Minor Ailment Clinics :

Gravesend, Windmill Street

Every Tuesday, Wednesday, Thursday and Friday, 9.0—10.0 a.m.

Denton, 107, Rochester Road

Every Tuesday and Friday, 9.0—10.0 a.m.

Northfleet, West Kent House,
Station Road

Health Visitor attends every morning from 9.0 to 10.0 a.m., and Medical Officer on every Saturday morning.

Dartford, West Hill Hospital

Health Visitor attends every morning from 9.0 to 10.0 a.m. and Medical Officer every Friday and Saturday morning.

*Aural Clinics :

Gravesend, Gravesend Hospital

E.N.T. Surgeon attends every Wednesday afternoon in the month.

Chatham, County Hospital

E.N.T. Surgeon attends every Thursday morning in the month.

*Child Guidance Clinics :

Chatham, 118, Maidstone Road

Every Wednesday, Thursday and Friday (all day), and Saturday mornings (by appointment).

Dental Clinics :

Northfleet, West Kent House,
Station Road

Every Tuesday, Thursday and Friday, all day
Every day.

Gravesend, 5, Manor Road

In addition temporary clinics are held at Stone, Bean, Hartley, Longfield, Meopham Southfleet, Fawkham, Higham and Shorne, Horton Kirby and Cobham.

*Ophthalmic Clinics :

Gravesend and North Kent
Hospital

Every Tuesday morning and Thursday afternoons.

Dartford, County Hospital

1st, 2nd, 4th and 5th Wednesday in the month, all day. Every Monday in the month, all day.

Gravesend (Borough), Gravesend
and North Kent Hospital

Every Friday afternoon.

Chatham, 118, Maidstone Road

Every Monday, all day. Every Wednesday, all day. 1st, 3rd and 5th Friday mornings only.

*Orthopaedic Clinics :

Dartford, County Hospital

1st, 2nd, 3rd and 4th Tuesday mornings in the month.

Gravesend Borough

Physiotherapy daily.

St. Bart's Hospital, Rochester

Referred to Orthopaedic Surgeon at Gravesend Hospital, by arrangement.

Every Tuesday, 4—6 p.m. (Surgeon).

Physiotherapy daily.

*Speech Clinic :

Chatham, "Elmsleigh,"

Every Tuesday afternoon and all day Thursday.

118, Maidstone Road

*Children attend at these clinics by appointment.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

The following temporary arrangements have been made for the reception and treatment of cases of infectious diseases :—

Smallpox.

The existing arrangement whereunder the first few cases of smallpox are admitted to CLANDON HOSPITAL is cancelled : in future these cases will be admitted to THE RIVER HOSPITALS (LONG REACH), DARTFORD, Kent. Applications for admission to that Hospital should be made to :—

DR. H. MITMAN.
Telephone No. Dartford 3231

by the Consultant who diagnoses a case of Smallpox or by the Medical Officer of Health on his behalf.

Worcester Training Ship, off Greenhithe, to the Port of London Authority Hospital, Gravesend. Telephone : Gravesend 257.

With effect from Monday, 10th July, 1950, all applications for the admission of infectious cases to Hospital should be made to The Medical Superintendent of the River Hospitals, Joyce Green (Telephone No. : Dartford 3231).

The Bow Arrow Hospital will cease to admit ordinary Infectious cases after 9th July, 1950.

Scarlet Fever :

Cases notified	25
Cases removed to Hospital	2
% of cases removed ...	8%

Measles :

Cases notified	48
Cases removed to Hospital	0

Whooping Cough :

Cases notified	57
Cases removed to Hospital	0

Poliomyelitis :

Cases notified	6
Cases removed to hospital	4
% of cases removed	66.6

Pneumonia :

Cases notified	14
Cases removed to Hospital	0
% of cases removed ...	0

Diphtheria :

Cases notified	0
-----------------------	---

Tuberculosis.

The following statement relates to the number of cases appearing on the Councils at 31st December, 1949 :—

	Pulmonary.			Non-Pulmonary.			Totals
	M.	F.	Total	M.	F.	Total	
(a) No. of cases of Tuberculosis on the register at the commencement of the year	49	42	91	15	9	24	115
(b) No. of cases remaining on the register at the end of the year	58	48	106	16	9	25	131
(c) No. of cases notified during the year	14	9	23	1	—	1	24
(d) No. of deaths during the year	4	2	6	1	—	1	7

The following are the ages and occupations of those persons notified during the year :—

Age		Occupation	Age		Occupation
M.	F.		M.	F.	
2		—		27	Housewife
2		—		28	Cleaner—Cinema
4		—		28	Housewife
5		School		30	Housewife
5		”	36		Pipe Fitter
	10	”	39		Paper Packer
	15	”	40		Unemployed
18		H.M. Forces	40		Labourer
19		H.M. Forces		41	Housewife
21		Clerk	45		Leather goods maker
22		Time Keeper	52		Labourer
	23	Electrical Com. Fit.		78	O.A.P.

DISPENSARIES.

Gravesend and North Kent Hospital, Gravesend
41 Overy Street, Dartford,

Wednesdays, 1-3 p.m.
Mondays 10-12 a.m.

Public Health (Prevention of Tuberculosis) Regulations 1925.

There was no need for action under these regulations.

Public Health Act 1925 Section 62.

Public Health Act 1936 Section 172.

There was no occasion for action under these Sections.

IMMUNISATION AGAINST DIPHTHERIA AND VACCINATION AGAINST SMALLPOX, 1949.

The following is a return of (A) the number of children resident in the Urban District of Swanscombe, who were immunised against diphtheria and (B) the number of persons who were vaccinated against smallpox, during the year ended 31st December, 1949 :—

(A) Diphtheria Immunisation.

Year of Birth	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937	1936	1935	Total
Primary Inoculations	4	84	15	13	4	7	5	3	—	4	—2	1	—	—	—	142
Reinforcing Inoculations	—	—	—	—	1	12	29	13	2	2	2	—	—	—	—	61

(B) Vaccination.

Age at 31st Dec., 1949	Under 1	1 to 4	5 to 14	15 or over	Total
Number Vaccinated	29	13	4	5	41
Number Re-Vaccinated	—	1	1	9	11

15

IMMUNISATION AGAINST DIPHTHERIA, 1949.

The following is a return of the number of children resident in the Urban District of Swanscombe under the age of 15 years on 31st December, 1949, who had completed a course of immunisation at any time before that date (*i.e.*, at any time since 1st January, 1935).

Year fo Birth	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	Total
	93	25	84	45	58	61	85	91	118	102	117	128	94	94	4	1,109

DIPHTHERIA IMMUNISATION STATISTICS, 1949, SWANSCOMBE URBAN DISTRICT.

Estimates of the population aged under 15, as at 30th June, 1949, in the above area have been prepared by the Registrar General and are furnished for use with the statistics of diphtheria immunisation ; they are as follows :—

Number of children aged 0—4 years (inclusive).....734 Number of children aged 5—14 years (inclusive).....1,054

OPHTHALMIA NEONATORUM.

Cases			Vision Unim- paired	Vision In- paired	Total Blind- ness	Deaths
Notified	Treated					
	At Home	In Hospital				
—	—	—	—	—	—	—

Venereal Diseases.

County Hospital, Dartford.	Men	Mondays	4-6 p.m.
	Women	Mondays	11-1 p.m.
22, Cobham Street, Gravesend.	Men	Thursdays	3.30-5 p.m.
		Tuesdays	11.30-1.30 p.m.
	Women	Tuesdays	2-3.30 p.m.
		Thursdays	2-3.30 p.m.

The undermentioned figures show the number of cases suffering from V.D. attending Dartford and Gravesend V.D. Clinics from Swanscombe Urban District :—

New Patients.				Total.
Syphilis	.....	.....	.....	..... —
Gonorrhoea	.....	.....	.....	..... —
Non-Venereal.....	.....	.....	.....	..... 7
No. of attendances of Swanscombe patients				..... 18

There were no defaulters from Swanscombe before completion of treatment during 1949.

REGISTRATION OF BIRTHS AND DEATHS.

Registration District :

Darent Valley
Comprising Swanscombe U.D.C.
and Dartford R.D.

Registrar :

Mrs. J. Maltby.

Head Office :

The Register Office,
West Hill,
Dartford.

Telephone No. 3881.

Monday	9 a.m.—12 noon
Tuesday	9 a.m.—12 noon
Wednesday	9 a.m.—12 noon
Thursday	2 p.m.—5 p.m.
Friday	2 p.m.—5 p.m.

Registration Stations :

Church Cottage,
London Road,
Greenhithe.

1st and 3rd Thursday in each month.
9.45 a.m.—10.45 a.m.

Primitive Methodist Schoolroom,
Church Road.
Swanscombe.

Every Thursday, 11 a.m. to 12 noon

SANITARY CIRCUMSTANCES OF THE AREA.

Reports received on samples taken from various sources on the Metropolitan Water Board Supply to the area.

Date of Samples 1949.	No. of organisms per c.c. capable of growth on agar at		Remarks.
	37°C.	22°C.	
8th March	0	1	Good water.
17th May	0	0	Good water
9th June	0	0	Good water.
4th August	0	0	Good water.
10th October	0	0	Good water.
17th November	0	2	Good water.
12th December	0	0	Good water.

Reports received on samples taken from various wells and mains supplying factories situated in the district.

Date of samples 1949.	No. of organisms per c.c. capable of growth on agar at		Remarks.
	37°C.	22°C.	
8th February	0	2	Good water.
4th April	0	0	Good water.
15th July	0	0	Good water.

SWIMMING POOL.

Reports received on samples taken from the Swimming Pool.

Date of sample 1949.		No. of organisms per c.c. capable of growth on agar at		Remarks.
		37°C.	22°C.	
9th June	Deep-end	3	8	Satisfactory.
	Shallow-end	4	7	Satisfactory.
11th July	Deep-end	6,970	5,700	There is evidence of recent faecal contamination.
	Shallow-end	28	1,040	
20th July	Deep-end	33	18	Satisfactory but could be improved.
	Shallow-end	54	30	
(1)				
29th July	Deep-end	5,706	10,270	There is no evidence of recent faecal contamination.
	Shallow-end	639	1,014	
(2)				
16th August	Deep-end	3,296	2,345	Very inefficiently treated bath water.
	Shallow-end	11,982	9,710	
(3)				
29th August	Deep-end	302	407	No evidence of recent faecal contamination
	Shallow-end	2,312	7,625	
Attendances 1948 :				
	Adults	2,870.	Spectators	772
	Children paid for admission			8,894
	Children from schools			2,991
Attendances 1949 :				
	Adults	4,992.	Spectators	425
	Children paid for admission			16,493
	Children from schools			3,503
	Beaver Swimming Club			1,271
	Season Ticket Holders			158

SEWAGE.

The following samples of Sewage effluent have been taken from the Works, they are itemised as follows. —

Dates.	Solids in Suspension.	Total solid residue.	Chlorine.	Free Ammonia.	Albuminoid Ammonia.	Nitrogen as Nitrates	Nitrogen as Nitrites.	Oxygen absorbed ½ hour at 26.7° C.	Oxygen absorbed 4 hour at 26.7° C.	Dissolved Oxygen requirement 5 days	Impurity figure.
(1) 6/1/49	5.0	260	94	7.34	1.02	None	Very faint trace	2.66	5.44	27.1	78
(2) 26/1/49	37.5	358	139	5.3	0.68	None	None	2.15	3.04	16.3	49
(3) 15/3/49	11.0	416	184	3.26	0.61	None	Trace	1.60	2.62	—	44
(4) 30/3/49	8.8	371	147	5.6	2.0	None	None	2.18	3.24	35	116
(5) 3/5/49	3.5	362	149	4.90	0.68	None	None	1.47	2.78	15.6	48
(6) 26/5/49	2.5	480	217	1.36	0.54	None	None	0.7	1.44	8.0	34
(7) 23/6/49	5.8	337	137	4.62	0.48	None	None	1.34	2.53	27	37
(8) 20/7/49	10.8	248	105	4.42	1.16	None	None	1.73	2.66	21.6	71
(9) 6/10/49	10.0	218	76.7	6.94	0.61	None	None	2.72	3.42	21.9	48
(10) 15/12/49	11.0	351	228	4.8	0.78	None	None	1.76	2.74	19.0	53

Port of London Authority Impurity Figure, 70.

SEWAGE.
GROUP SAMPLE.

Dates.	Solids in Suspension.	Total solid residue.	Chlorine.	Free Ammonia.	Albuminoid Ammonia.	Nitrogen as Nitrates	Nitrogen as Nitrites.	Oxygen absorbed $\frac{1}{4}$ hour at 26.7° C.	Oxygen absorbed 4 hour at 26.7° C.	Total Sulphide Sulphur	PH	Impurity figure.
Samples No. 1, taken at Junction London Road and Craylands Lane.												
(1) 14/11/49	86	83	9.0	16.1	3.88	None	None	8.08	16.14	0.32	7.16	—
Sample No. 2, taken at the Inlet.												
(2) 14/11/49	93	101	10.4	16.5	4.1	None	None	8.2	16.6	0.38	7.12	
Sample No. 3 taken at Outlet.												
(3) 14/11/49	7.5	111	14.8	11.9	1.02	None	None	3.42	6.33	0.33	7.18	83

CIRCULAR 2831—PROMOTION OF CLEANLINESS, GOOD HABITS AND THE ELIMINATION OF VERMINOUS CONDITIONS.

Cleansing Station, Brook Vale, Northfleet, is adapted for the cleansing of verminous persons, lethane is used in cases of infestation of head. Clothing is disinfected by steam disinfection while patients are undergoing treatment.

During 1949, 10 persons and contacts were treated.

CEMENT DUST NUISANCE.

During the year a conference took place between the Cement Investigation Committee and representatives of the Ministry of Health.

Each Member of the Committee made various observations upon the report to the Parliamentary Secretary, and in particular drew special attention to the following points:—

- (1) The effect upon the housewives living in the area.
- (2) Although no proof could be obtained by the Committee of the effect of the dust being detrimental to health, it was felt that it was a nuisance, and attention was drawn to paragraphs 56 to 60 and 61 (as amended by the Conference) of the Report of the Committee.
- (3) That consideration should be given as to whether the staff of the Ministry of Health dealing with works of this nature was adequate for the work to be performed.
- (4) A suggestion was made that greater powers should be given to Local Authorities to deal with this type of nuisance through the Health Department.
- (5) That copies of the Reports by the Alkali Inspectors should be furnished to the respective Local Authorities.

The three Members of Parliament each emphasized the deleterious effect of the nuisance relating to their respective constituencies.

The Parliamentary Secretary of the Ministry of Health, Mr. A. Blenkinsop, in reply stated he had recently visited some works on the Thames-side area and said that apart from the question of its effect upon health, he had no doubt about the nuisance caused by cement dust.

He pointed out, as was stated in the Report of the Committee, that priorities for steel had received the support of the Ministry of Health and a large amount of plant had been delivered. As a result, he was informed that there was a considerable improvement in both high and low level emission. Due to the urgent need for cement there was no likelihood of the existing Cement Factories being removed, but it was the policy of the Government that new factories for the manufacture of cement should be erected in other parts of the country. The problem that remained, therefore, was to reduce the nuisance to a minimum.

It was hoped that the whole of the Factories in the Thames-side area would be provided with the necessary dust arrestment plant within a period of 2 years and the Ministry of Health were satisfied that when this was installed it would be such as to get the nuisance down to a minimum.

The Chief Inspector of Alkali, etc., Works, Mr. W. A. Damon, confirmed that in his opinion when electrostatic precipitation plant was installed in all the factories there should be 95% efficiency of dust arrestment.

It had been ascertained that the dust from the low level emission was greater than was at first thought, but appropriate steps were being taken to deal with this question.

Reference was also made by Mr. Damon to other steps which were being taken in connection with the grinding mills and bagging plants and to the general "tidying

up " of the works. Improvements in these directions were having a good effect in reducing the dust nuisance.

The Committee feel that as a result of their meeting with the Parliamentary Secretary, the question of dust nuisance in the Thameside area will continue to receive the very serious consideration of the Department, but they repeat the statement contained in paragraph 51 of their Report, that when every possible step has been taken to reduce the nuisance to the lowest possible minimum there will still be a nuisance at times as a slip of even 5% through the dust arrestment plant in connection with a big cement production would be equivalent to a substantial deposit per square mile per annum.

Position on 10th February, 1950.

A.P.C.M., Ltd., Kent Works. The programme here is essentially complete : secondary matters only remain.

B.P.C.M., Ltd., Johnson Works. The programme here is also virtually completed, the matters remaining being mainly concerned with the minimisation by modernisation of existing older dust plants, of emissions arising from the conveying of clinker.

A.P.C.M., Ltd., Swanscombe. Three of the four electrical precipitators are now to be completely overhauled. The programme will not be completed until the Autumn of 1951 and during this period there will always be one kiln at work without any special external means of dust arrestment. Completion of the extensive programme for minimisation of low level dust not expected until Autumn 1951.

A.P.C.M., Ltd., Bevans Works. The position is unchanged.

Alpha Cement Ltd., Grays. No special comment.

Tunnel Portland Cement Co., Ltd. The electrical precipitation plant mentioned as under construction is now completed and awaits a suitable opportunity for connection to the kiln and chimney. Handling of clinker is still productive of local dust, but there is now hope that installation of a new system will result in appreciably improved conditions in two years time.

B.P.C.M., Ltd., Wouldham. The dust arrestment plant to deal with emissions from the grinding mills now installed.

Rugby Cement Works, Halling. Complaints received regarding fumes. The management are of the opinion that this is due to the high sulphur content in the coal allotted to the works.

Crown and Quarry Works, Frindsbury. Manager reports he is overhauling dust arresting plant and is experimenting with a new type.

Alpha Works, Cliffe. There are three kilns all of which were equipped with electrical precipitators. Corrosion, etc., troubles have been serious, with the result that one precipitator has been dismantled and razed and is to be entirely rebuilt. Following this a second precipitator which is still at work will be reconstructed. Although the third is in a reasonably satisfactory state it follows that the overall dust emission is higher than for some time and will remain so until the repair programme is completed. Under these circumstances there seems no point in making dust tests on the chimney gases. Low level emissions, *e.g.* from grinding of clinker are receiving attention and a tidying-up of the works is taking place.

The above gives the main features : there are, however, other points which might have been made, *e.g.*, the continued policy of levelling and grassing, the installation of means to reduce emissions from the carbonate of lime plant at the Johnsons Works, the installation of new clinker coolers at Kent Works, thereby reducing certain local emissions. Moreover the programme has in some instances been extended by the Companies themselves, *e.g.*, the extension of the low level dust

arrestinent programme at Swanscombe to include the Snowcrete section.

It will be appreciated that so long as the huge production continues in this restricted area the irreducible minimum of dust emission will still be such as to give cause for complaint.

The Companies are co-operating and the works are facing up to their responsibilities in a satisfactory manner.

MILK SUPPLY.

Thirty-nine samples of milk were submitted for bacteriological examination. One sample did not satisfy the test.

Action and Result.

After appropriate action the proprietor concerned discontinued the business of bottling and distribution of milk.

Samples of school milk as supplied by W. E. Southwood, Vale Road Dairy, Northfleet, were taken monthly by the Public Health Department, Northfleet Urban District Council, all of which proved satisfactory.

There are no dairies or bottling establishments situated in this district.

ICE CREAM (HEAT TREATMENT) REGULATIONS, 1947.

There are sixteen establishments in the district, thirteen are registered for retail only. Two are registered to make ice cream, with cold mix and one with heat treatment as prescribed by the regulations.

Following an inspection of the premises with the Sanitary Inspector two of manufacturers of cold mix have discontinued the sale of Ice Cream whilst the third changed to retail only.

Eighty samples were submitted for bacteriological examination with the result that 43 were of grade 1, 18 of grade 2, 10 of grade 3 and 9 of grade 4.

In no case were pathogenic organisms cultivated.

FOOD AND DRUGS ACT, 1938.

Article.	Genuine.	Adulterated.
Barley flour	I	
Barracouta Fish fillets	I	
Butter Mints	I	I
Cheese Sandwich	I	
Gee's Linctus	I	
Gelatine	I	
Ginger Conserve	I	
Ice Cream	2	
Maralyn Milk Plus	I	
Metatone	I	
Milk	14	
Potted Meat	I	
Prescription 1	I	
Red Poppy and Tolin	I	
Rheumatic Tablets	I	
Salad Cream	I	
Self Raising Flour	I	
Soup Powder	I	
Sweepat	I	
Tonic Syrup	I	
Whisky	2	
	36	I

Details of Unsatisfactory sample.

Butter Mints. Total Fat 0.85% possibly butter. Under investigation.

OTHER FOODS CONDEMNED.

4	13 oz.	tins	Evaporated Milk.
2	14½ oz.	„	„ „ „
3		„	Ideal Milk.
21		„	Condensed Milk.
1	1 lb.	„	Plums.
3	1 lb. 12 oz.	„	„
1	1 lb. 14 oz.	„	Australian Fruits.
1	20 oz.	„	Tomato Soup.
1	1 lb.	„	„ „ „
1	1 lb.	„	Tomato Juice.
1	16F oz.	„	Beans in Tomato Sauce.
15	2 lb.	„	Jam.
2	1 lb. 3 oz.	„	Processed Peas.
7	7 oz.		Cartons Cheeses.
1	1 lb. 2 oz.	tin	Vael and Ham Loaf.
	14 lb. 11 ozs.		Bacon.
	10½ lbs.		Brawn.

HOUSING STATISTICS.

1. Inspection of dwelling-houses.

(1)	Total number of dwelling-houses inspected for housing defects under Public Health or Housing Acts	353
	Number of inspections made for that purpose	353
(2)	Number of dwelling-houses (included under the preceding heading) which were inspected and recorded under the Housing Consolidated Amendment Regulations, 1925 and 1932	292
	Number of inspections made for that purpose	292
(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	9
(4)	Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	145

2. Remedy of Defects without service of Formal Notices.

	Number of defective dwelling-houses rendered fit in consequence of informal action by the L.A. or its officers	69
--	--	----

3. Action under Statutory Powers.

(a)	Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :—	
(1)	Number of dwelling-houses in respect of which notices were served requiring repairs	84
(2)	Number of dwelling-houses which were rendered fit after service of formal notices :—	
	(a) By Owners	22
	(b) By Local Authority in default of Owners	—
(b)	Proceedings under Public Health Acts :—	
(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	61

(2)	Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a)	By Owners	11
(b)	By Local Authority in default of Owners	—
(c)	Proceedings under sections 11 and 13 of the Housing Act, 1936 :—	
(1)	Number of dwelling-houses in respect of which demolition orders were made	—
(2)	Number of dwelling-houses demolished in pursuance of demolition orders	3
(d)	Proceedings under section 12 of the Housing Act, 1936 :—	
(1)	Number of separate tenements or underground rooms in respect of which closing orders were made	—
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	—

The following is a summary of nuisances and defects remedied during the year :—

Accumulations of offensive refuse removed					5
Animals in an unfit state					6
Ashbins provided					61
Ceilings repaired					76
Cesspools repaired or abolished					1
Chimney stacks repaired or rebuilt					3
Chimney flues repaired					3
Doors repaired or renewed					9
Door frames repaired or renewed					4
Drainage Systems :—					
Drains repaired or reconstructed					1
Drains Cleansed					19
Gulley traps repaired or renewed					2
Gulley trap gratings provided					—
Soil and vent pipes provided					1
Inspection chambers repaired					1
Eaves gutters repaired or renewed					14
Firegrates repaired or renewed					1
Fireplaces, brickwork and plasterwork repaired					1
Floors repaired or relaid					12
Floors, sub-floor ventilation provided					2
Rainwater downspouts repaired or renewed					2
Roofs repaired					19
Sinkstones repaired or renewed					—
Sink waste pipes repaired or renewed					—
Staircase repaired					1
Stoves repaired or renewed					2
Rats, premises treated					48
Verminous rooms					9
Walls, brickwork repaired or repointed					26
Wall, damp proof course inserted					4
Walls, internal plasterwork repaired					83
Washing boilers, coppers repaired or renewed					7
Water closets :—					
External structure repaired					12
Internal structure repaired					3
Flushing cisterns repaired or renewed					3
Flush pipes repaired or renewed					1
Basins and traps renewed					2
Seats repaired or renewed					3
Water supply, supply pipes, etc., repaired					11
Windows, woodwork of frames, sashes or sills repaired or renewed					45
Yard Surfaces repaired or renewed					9
Miscellaneous					12
Approximate number of separate premises in the area					2359
Number of premises containing each type of sanitary convenience in district (approximate) :—					
W.C's into drainage system	2433	W.C's into cesspools		86	
Earth closets or privy middens	1	Pail Closets		3	

INFECTION AND DISINFECTION.

During the year 176 cases of infectious diseases were investigated, viz :—

Scarlet fever	.....	32
Tuberculosis	.....	24
Measles	.....	57
Whooping Cough	.....	57
Puerperal Pyrexia	.....	—
Poliomyelitis	.....	6
Total	.....	176

Included in this was the supervision of the disinfection of same.

ERADICATION OF BED BUGS.

- (1) The number of (a) Council Houses 3 ; (b) other houses 4 ; (i) found to be infested 7 ; (ii) disinfested 7.
- (2) The method employed for freeing infested houses from bed bugs is by fumigation, (Fumite), contains D.D.T. 60% in weight.
- (3) The method employed for ensuring that the belongings of tenants are free from vermin, routine inspection and disinfection.
- (4) The work of disinfection : (a) Council Houses, Local Authority. (b) Private houses, Local Authority at owner's cost.

RATS AND MICE DESTRUCTION ACT, 1919.

INFESTATION ORDER SR & O 1943 No. 680.

In accordance with Ministry of Agriculture and Fisheries Circular N.S. No. 19, a test was made of the Sewer and was found to be rat free.

Surface Infestations. Seven major infestations were dealt with, four successfully, the remaining three required periodical treatment. Twenty-three minor infestations were also successfully dealt with.

REFUSE COLLECTION.

One S.D. Freighter (registered 1939) of 6 cubic yards capacity is used for this work, one driver and four men are employed on this vehicle.

It was necessary on occasions to utilise the Ford lorry to maintain this service.

Owing to the age and nature of mechanical defects a new similar type vehicle was purchased during the year.

Approximately 4,368 cubic yards were collected and disposed of.

The tip was periodically treated for pest nuisances.

STREET CLEANSING, GULLEY AND CESSPOOL EMPTYING.

Although these services were reasonably maintained, it was at times necessary to borrow vehicles from the neighbouring authorities. The Council's Scammell at times being out of commission owing to mechanical defects.

INSPECTION OF FACTORIES.

1. INSPECTIONS for purposes of provisions as to health, including inspections made by Sanitary Inspectors.

Premises (1)	Inspections (2)	Written Notices (3)	Occupiers Prosecuted (4)
Factories with Mechanical power	17	2	—
Factories without Mechanical power	14	3	—
Other premises under the Act	16	1	—
Totals	47	6	—

2. DEFECTS FOUND.

Particulars	Number of Defects		Referred to H.M. Inspector	No. of Prosecu- tions
	Found	Remedied		
Want of cleanliness	1	1	—	—
Overcrowding	—	—	—	—
Unreasonable temperature	—	—	—	—
Inadequate ventilation	—	—	—	—
Ineffective drainage of floors	1	1	—	—
Sanitary Conveniences—				
Insufficient	1	1	—	—
Unsuitable or defective	1	1	—	—
Not separate for sexes	—	—	—	—
Other offences	5	5	—	—
Totals	9	9	—	—

	No. in district	No. of visits in 1949	No. of faults and defects found	No. of faults and defects remedied
Bakehouses	6	16	1	1
Dairies	—	—	—	—
*Slaughterhouses—				
Registered	2	17	—	—
Licensed	2			
Other food-preparing places which are, as such, subject to inspection	51	252	3	3
Offensive Trades	—	—	—	—
Common Lodging Houses	—	—	—	—
Houses-let-in-lodgings	—	—	—	—
Factories	26	33	2	2
Workshops	22	21	1	1
Workplaces (other than out- workers' homes)	15	9	1	1

* No licences granted.

Housing Act, 1936. Overcrowding.

(a)	(i)	Number of dwellings overcrowded at the end of the year	—
	(ii)	Number of families dwelling therein	—
	(iii)	Number of persons dwelling therein	—
(b)	(i)	Number of new cases of overcrowding reported during the year	—
(c)	(i)	Number of cases of overcrowding relieved during the year	1
	(ii)	Number of persons concerned in such cases	16
(d)	(i)	Particulars of any cases in which dwelling-houses have again become overcrowded after the local Authority has taken steps for the abatement of overcrowding	—

(1) Total number of houses owned by the Local Authority :—

1919 Scheme	65
1923 „	28
1924 „	228
Non-subsidy	112
1936 Scheme	28
Prewar houses being sold under mortgage	34
Temporary	100
Slum Clearance Area	12
New Houses, Permanent Type	38
„ „ „ Prefabricated	62
Swanscombe Street Site conversions, Bungalows	38
Purchased premises Milton Street	2
Requisitioned Units	17
Total	764

(2) Number of new houses built during 1949,—

(a)	By Local Authority	15
	Permanent type	13
	Permanent prefabricated	11
	P.O.W. Camp Conversions	—
(b)	By other bodies or persons	—
	Total	39

I am,
Your obedient Servant,
L. E. CROUCHER,
Sanitary Inspector.

APPENDIX.

MEDWAY AND GRAVESEND HOSPITAL MANAGEMENT COMMITTEE. GRAVESEND AND NORTH KENT HOSPITAL.

TIME TABLE.

MONDAY

9.30 a.m.	E.N.T. (K.E.C.)	Mr. T. Gill
10.0 a.m.	Traumatic	Surgical Registrar
11.0 a.m.	E.N.T.	Mr. T. Gill
1.30 p.m.	Ophthalmic	Dr. McDonnell
2.0 p.m.	Fracture	Mr. V. M. Franklin (By appointment)

TUESDAY

9.0 a.m.	Dental	Mr. F. T. Wilkinson
9.30 a.m.	Ophthalmic	Mr. G. L. Simmons
11.30 a.m.	Surgical	Mr. M. Landau
2.30 p.m.	Ante-Natal)	Mr. F. S. Horrocks
3.0 p.m.	Gynaecological)	Mr. A. M. Hunter

WEDNESDAY

9.0 a.m.	Chest Clinic	Dr. H. C. Calvey
9.30 a.m.	Surgical	Mr. B. E. C. Stanley (By appointment)
10.0 a.m.	Fracture	Mr. V. M. Franklin (By appointment) (Register)
12.0 noon	Physio-therapy	Mr. V. M. Franklin (Registrar)
3.0 p.m.	Psychiatric	Dr. S. W. Hardwick (By appointment with Almoner)

THURSDAY

9.30 a.m.	Orthopaedic	Mr. V. M. Franklin (By appointment)
9.30 a.m.	Chest (Refills)	Dr. H. C. Calvey
9.30 a.m.	Ophthalmic	Dr. W. E. Heath
12.0 noon	Physio-therapy	Mr. V. M. Franklin (Registrar)
1.30 p.m.	Ophthalmic (K.E.C.)	Mr. G. L. Simmons

FRIDAY

9.30 a.m.	Dental	Mr. F. T. Wilkinson
— a.m.	Fractures	Mr. V. M. Franklin (By appointment) (Registrar)
2.0 p.m.	Surgical	Mr. Sol. M. Cohen
2.0 p.m.	Psychiatric	Dr. J. J. Pearse (By appointment with Almoner)

SATURDAY

9.0 a.m.	Medical	Dr. Craig (By appointment)
----------	---------	-------------------------------

**DARTFORD HOSPITAL MANAGEMENT COMMITTEE.
THE WEST HILL HOSPITAL.
OUT-PATIENTS' CLINICS.**

Ante-Natal	W. Gross, M.D., M.R.C.O.G.	Monday	10.30 a.m.—12.30 p.m. 1.15 p.m.—4.0 p.m.
		Tuesday	10.30 a.m.—12.30 p.m. 1.30 p.m.—4.0 p.m.
		Wednesday	10.30 a.m.—12.30 p.m. 2.0 p.m.—4.0 p.m. (Post-Natal)
	G. Dalley, M.R.C.S., L.R.C.P., M.R.C.O.G.	Thursday	10.30 a.m.—12.30 p.m.
		Friday morning.	
		Thursday	1.15 p.m.—4.0 p.m.
Diabetic	J. Goldstein, M.D.,	Friday afternoon at 2.0 p.m.	
E.N.T.	J. F. Lipscomb, M.B., B.S., F.R.C.S.Eng.	Thursday afternoon (adults)	
		Monday morning (children) (for appointment telephone Casualty Department.)	
Fracture	K. F. Hulbert, M.B., B.S., F.R.C.S.Eng.	Thursday morning.	
Gynaecological	G. Dalley, M.R.C.S., L.R.C.P., M.R.C.O.G.	Monday morning (old patients)	
		Tuesday afternoon	
(Endocrine disturbances)	A. W. Chester, M.D., M.R.C.O.G.	Tuesday morning.	
	W. Gross, M.D., M.R.C.O.G.	Monday	2.0 p.m.—4.0 p.m.
Infertility	G. Dalley, M.R.C.S., L.R.C.P., M.R.C.O.G.	Thursday morning	
Medical	G. B. Stratton, M.R.C.S., M.R.C.P.	Tuesday afternoon.	
		Friday afternoon.	
	N. D. McCreath, M.B., Ch.B., M.R.A.C.P.	Thursday morning.	
		Friday afternoon.	
	J. C. Hogarth, M.R.C.P., M.R.C.P.E., M.D., D.P.H.	Tuesday afternoon.	
Ophthalmic	F. Oliver Walker, M.R.C.S., L.R.C.P., D.P.M., D.O.	Monday afternoon at 2.0 p.m.	

The West Hill Hospital—Out-Patients' Clinics—(continued).

Orthopaedic	K. F. Hulbert,	Tuesday morning.
	M.B., B.S., D.A.,	Wednesday afternoon.
	F.R.C.S.Eng.	Thursday morning (no appointment).
Paediatric	D. Leys, B.A., D.M.,	Wednesday afternoon.
	F.R.C.P.	
	S. D. V. Weller,	Wednesday afternoon.
	M.D., M.R.C.P.	
Physical Medicine	R. H. Rattray,	Monday morning.
	M.R.C.S.,	Tuesday afternoon.
	L.R.C.P.	Wednesday morning.
		Thursday afternoon.
		Friday afternoon.
		(For appointment telephone Physiotherapy Department).
Psychological	H. S. Capooore,	Monday morning (new patients).
	M.B., Ch.B.,	Friday afternoon (old patients).
	M.R.C.S., L.R.C.P.,	
	M.D., D.P.M.	
Rheumatic	J. D. Hogarth,	Wednesday afternoon at 2.0 p.m.
	M.R.C.P.,	
	M.R.C.P.E.,	
	M.D., D.P.H.	
Skin	C. M. Ockwell,	Monday morning (old patients).
	D.P.H.,,	Wednesday morning (new patients).
	F.R.C.S.Eng., M.D.	
Special Clinic	C. M. Ockwell,	Female clinics on Monday, Tuesday,
	D.P.H.,	Thursday and Friday from :
	F.R.C.S.Eng., M.D.	12.30 p.m.—3.30 p.m.
		Male clinics on Monday, Tuesday and Friday from : 5.0 p.m.—6.0 p.m.
Surgical	T. Meyrick Thomas,	Wednesday morning.
	M.A., F.R.C.S.,	
	M.Ch.	
	T. S. Cochrane,	Tuesday morning (new patients).
	M.B., B.S.	Friday morning (old patients).
	J. C. Morris,	Friday morning.
	B.Sc., M.B., Ch.B.,	
	F.R.C.S.Ed.	
	J. A. E. Watts,	Thursday afternoon.
	M.B., B.S.,	
	M.R.C.S., L.R.C.P.,	
	F.R.C.S.Ed.	
	M. N. Rankin,	Thursday afternoon (old patients).
	M.B., B.Ch.,	
	B.A.O.	

Urological	J. C. Morris, B.Sc. M.B., Ch.B., F.R.C.S. Ed. Tuesday Morning.
X-Ray Department	Monday—Friday 9.0 a.m.—5.0 p.m. Saturday 10.0 a.m.—1.0 p.m.
Massage Department	Monday—Friday 9.0 a.m.—5.0 p.m.

For appointment, please telephone Hospital Office,
(Dartford 3223) except where otherwise stated.

DARTFORD HOSPITAL MANAGEMENT COMMITTEE.
THE LIVINGSTONE HOSPITAL.
OUT-PATIENTS' CLINICS.

E.N.T.	J. F. Lipscombe, M.B., B.S., F.R.C.S.Eng.	Alternate Wednesdays 2.15 p.m.
Gynaecological	G. Dalley, M.R.C.S., L.R.C.P., M.R.C.O.G.	Alternate Fridays 2.0 p.m.
Medical	J. C. Hogarth, M.R.C.P., M.R.C.P.E., M.D., D.P.H.	Alternate Wednesdays 9.30 a.m.
Psychological	B. Cates, M.B., B.S., D.P.M.	Alternate Tuesdays 2.0 p.m.
Surgical	T. Meyrick Thomas, M.S., F.R.C.S., M.Ch.	Every Thursday, 9.30 a.m.
X-Ray Department		Tuesday and Friday 9.0 a.m. Monday and Thursday 5.0 p.m.
Massage and Electrical Treatment		Daily 9 a.m.—4.30 p.m. (except week-ends) Monday) Tuesday) 5.0 p.m.—7.0 p.m. Thursday) Friday)

For appointment, please telephone Dartford 3322.

